



House of Commons
Science and Technology
Committee

**Pre-appointment hearing
with the Government's
preferred candidate for
Chair of the Biotechnology
and Biological Sciences
Research Council (BBSRC)**

Eighth Report of Session 2014–15



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Eighth Report of Session 2014–15

*Report, together with formal minutes relating
to the report*

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Science and Technology Committee

The Science and Technology Committee is appointed by the House of Commons to examine the expenditure, administration and policy of the Government Office for Science and associated public bodies.

Current membership

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Dan Byles (*Conservative, North Warwickshire*)
Jim Dowd (*Labour, Lewisham West and Penge*)
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Powers

The Committee is one of the departmental Select Committees, the powers of which are set out in House of Commons Standing Orders, principally in SO No.152. These are available on the Internet via www.parliament.uk

Publications

Committee reports are published on the Committee's website at www.parliament.uk/science and by The Stationery Office by Order of the House.

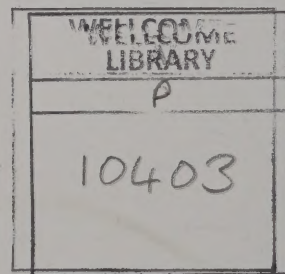
Evidence relating to this report is published on the Committee's website at www.parliament.uk/science.

Committee staff

The current staff of the Committee are: Dr Stephen McGinness (Clerk); Dr Elizabeth Rough (Committee Specialist); Darren Hackett (Senior Committee Assistant); Julie Storey (Committee Assistant); and Nick Davies (Media Officer).

Contacts

All correspondence should be addressed to the Clerk of the Science and Technology Committee, Committee Office, 14 Tothill Street, London SW1H 9NB. The telephone number for general inquiries is: 020 7219 2793; the Committee's e-mail address is: scitechcom@parliament.uk.



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Appointment of Chair of BBSRC

1. The July 2007 Green Paper, *The Governance of Britain*, proposed the introduction of pre-appointment hearings for key public officials in which Parliament has a strong interest. It stated that, in each case, it should fall to the relevant select committee to conduct the hearing, which should cover issues such as the candidate's suitability for the role, his or her key priorities, and the process used in selection. The Government's proposal was welcomed by the Liaison Committee, which began to discuss with the Government the framework for pre-appointment hearings and, in particular, which appointments should be subject to them. The Liaison Committee agreed a list of such posts with the Government in May 2008.

2. The Liaison Committee has published guidance for committees to ensure that hearings are conducted appropriately. The outcome of the hearing is non-binding, although the report from a committee holding a pre-appointment hearing should inform Ministers' decision-making on whether or not to proceed. Our purpose in conducting pre-appointment hearings is to satisfy Parliament that the post would be filled by someone of sufficient calibre. Since July 2010, we have held five hearings; with Phil Smith, Chair of the Technology Strategy Board; Dr Paul Golby, Chair of the Engineering and Physical Sciences Research Council; Donald Brydon, Chair of the Medical Research Council; Sir Anthony Cleaver, Chair of the Natural Environment Research Council and Sir Drummond Bone, Chair of the Arts and Humanities Research Council.

3. The Biotechnology and Biological Sciences Research Council (BBSRC) was established by Royal Charter in 1993 and took over the responsibilities of the Agricultural and Food Research Council along with the biological science activities of the former Science and Engineering Research Council. Appointments to the position of Chair are made by the Secretary of State for Business Innovation and Skills under the terms of section 4 of its Royal Charter. The Minister for Universities, Science and Cities wrote to us on 19 February 2015 inviting us to hold a pre-appointment hearing with the Government's preferred candidate for the Chair of the Biotechnology and Biological Sciences Research Council (BBSRC). We accordingly invited Sir Gordon Duff to attend a pre-appointment hearing on 2 March 2015. The Minister's letter and the candidate's curriculum vitae are both printed with this Report.

The Biotechnology and Biological Sciences Research Council

4. The BBSRC is one of seven Research Councils funded through the Department for Business Innovation and Skills via the Science Budget. In the 2010 Spending Review the Science Budget received a flat cash budget of £4.6 billion in cash terms over four years, equating to a cut in real terms. Within the Science Budget the BBSRC's resource funding was spread across nine strategic research areas but the Council's current Strategy indicates three key scientific priorities: food security, bioenergy and industrial biotechnology and the basic bioscience underpinning health. The BBSRC's funding allocation for 2014-15 was just over

£350m and on 1 April 2014 employed 1,580 people, 350 of which were based in BBSRC offices in Swindon and 1230 in BBSRC funded institutes.

5. The mission of the BBSRC is:

To promote and support, by any means, high-quality basic, strategic and applied research and related postgraduate training relating to the understanding and exploitation of biological systems.

To advance knowledge and technology (including the promotion and support of the exploitation of research outcomes), and provide trained scientists and engineers, which meet the needs of users and beneficiaries (including the agriculture, bioprocessing, chemical, food, healthcare, pharmaceutical and other biotechnological related industries), thereby contributing to the economic competitiveness of the United Kingdom and the quality of life.

In relation to the Council's activities, and as the Council may see fit, to:

- Generate public awareness
- Communicate research outcomes
- Encourage public engagement and dialogue
- Disseminate knowledge¹

6. The Council spent, in 2012-13, BBSRC spent £432.4m on research and capital grants and provided £52.3m for training and fellowship awards. A feature of BBSRC (as opposed to many of the other research councils) is its heavy use of institutes. The capital funding allocated to those institutes for 2013-14 was:

Capital Budget 2013-14	£'000
Base capital allocation	29,700
Research facilities at the Pirbright Institute	23,000
Research campus development at Babraham and Norwich	13,000
ELIXIR European biological data storage hub	9,000
e-infrastructure	4,200
Synthetic Biology	25,000
Big Data	8,000
TOTAL	111,900

The Chief Executive, in her foreword to the annual report, Professor Jackie Hunter, indicated the value of these institutes:

¹ <http://www.bbsrc.ac.uk/about/mission.aspx>

Each of the BBSRC strategically-funded institutes has commissioned independent reports to capture the impact of their activities. One of these reports showed that for every £1 invested in the John Innes Centre the UK gets over £12 back for the UK economy.²

The Role of the Chair

7. The Chair will work with the Chief Executive and the Council, leading the BBSRC in pursuit of its objectives. The Chair is responsible for the overall direction and management of the Council.

Key responsibilities of the Chair include:

1. Working with BIS, the Chief Executive and the Council members in the development of the Council's strategic direction and policies to deliver the BBSRC's mission, within the overall framework of government policy;
2. working to improve the links between the BBSRC, the research community it supports, national and international research funding and policy agencies, including learned and professional institutions, and with Government and Parliament;
3. building vital relationships with various partners aimed at realising the potential of BBSRC research;
4. engaging senior users such as those in business (particularly in the creative industries) to promote increased engagement with BBSRC and thereby the relevance and economic impact of BBSRC research; and
5. working with BIS and other Research Council and TSB Chairs and Chief Executives on cross-Council research and other wider research and innovation policy issues including industrial strategy.

When advertising the post the Department sought candidates who could demonstrate the ability to:

- exercise judgement across a broad spectrum of policy and high level management issues;
- employ diplomacy and resolve in complex and difficult discussions; and
- deal with a wide range of stakeholders at senior levels including Government.

Desirable attributes included: understanding of research led organisations; experience of dealing with diverse interest groups; and understanding of the biotechnology and biological sciences research community.

² <http://www.bbsrc.ac.uk/web/FILES/Publications/1314-bbsrc-annual-report-accounts.pdf>

8. The role of the Chair is a part-time and non-executive appointment, for which an honorarium of £16,430 per annum will be paid. There is a degree of flexibility in the role, but typically in the order of 24 days a year is expected. The appointment will be made from 1 July for four years.

The preferred candidate

9. Sir Gordon Duff has an extensive academic career that began with a House Officer position in the St Thomas' Hospital, London before moving to the US in more research focussed work and then returning to more medical research at the University of Sheffield. He has been Director of a number of Divisions within the University of Sheffield, held the Florey Professorship of Molecular Medicine and, for a brief time, chaired the Medicines and Healthcare products Regulatory Agency. He is Principal of St Hilda's College at the University of Oxford and Chairs the Strategic Partners Board at Imperial College; Trinity Health Ireland at Trinity College Dublin and the MRC-NIHR National Phenome Centre at Imperial College. He was knighted in 2007 for service to public health.

The Committee's view on the suitability of the candidate

10. Sir Gordon has had a distinguished academic career in the biological sciences sector and has contributed to public life, as evidenced by his knighthood for services to public health. He has held a number of senior posts including the Chair of the MHRA. He demonstrated a sound understanding of the biotechnology and biological sciences sector and would clearly be comfortable interacting with senior levels of Government. We were satisfied that Sir Gordon has a good understanding of the challenges facing the BBSRC, including the need to communicate this science to the public. Sir Gordon has also satisfied us that the issues of time that led to his stepping down from his position as Chair of MHRA would not be an issue for this position.

11. We are satisfied that Sir Gordon Duff is a suitable candidate to chair the Biotechnology and Biological Sciences Research Council. We recommend that the Minister proceeds with the appointment. We wish Sir Gordon well in his new post and look forward to working with him in the future.

Annex 1 – Letter from Minister for Universities, Science and Cities

Correspondence from The Rt Hon Greg Clark MP, Minister for Universities, Science and Cities

Chair of the Biotechnology and Biological Sciences Research Council (BBSRC)

I am writing to inform you that I have identified Sir Gordon Duff as the Government's candidate to be the new Chair of the Biotechnology and Biological Sciences Research Council and to invite the Science and Technology Select Committee to hold a pre-appointment hearing in line with the procedure agreed in the Government's Response to the Liaison Committee's First Report of Session 2007-08, HC 594.

Sir Gordon is Principal, St Hilda's College Oxford. He chairs the Strategic Partners Board of the Imperial Academic Health Science Centre. He also chairs the Medical Research Council-National Institute of Health Research's National Phenome Centre (Imperial College), the Scientific Advisory Board of the Medical Research Council Centre for Drug Safety Sciences (Liverpool) and the Scientific Advisory Board of Interleukin Genetics Inc, Boston. He also serves on the International Scientific Advisory Board of the Institute for Translational Medicine and Therapeutics at the University of Pennsylvania. He was previously Chair of the MHRA (UK national regulator of medicines and medical devices).

The current Biotechnology and Biological Sciences Research Council Chair Sir Tom Blundell steps down on 30 June 2015.

I annex details of the legal basis of the appointment and the recruitment process (Annex A), and attach the information pack for candidates which includes a job description and person specification and terms and conditions (Annex B) and Professor Sir Gordon Duff's CV (Annex C).

Annex 2 – Documents accompanying the Minister's letter

Annex A – Legal basis of the appointment

The Biotechnology and Biological Sciences Research Council (BBSRC) was established by Royal Charter in 1993. Appointments are made by the Secretary of State for Business Innovation and Skills under the terms of section 4 of its Royal Charter.

(1) The Council shall consist of a Chairman, a Chief Executive and Deputy Chairman, and not less than ten nor more than eighteen other members, at least half of whom shall be appointed by reason of their qualifications in science or engineering.

(2) Subject to the provisions of paragraph (3) of this Article, the Chairman, the Chief Executive and Deputy Chairman, and the other members shall be appointed and the terms of their appointment or the revocation of any appointment determined by Our Chancellor.

(3) (a) Before appointing any member, including the Chairman and the Chief Executive and Deputy Chairman, on account of his qualifications in science or engineering, Our Chancellor shall consult the President for the time being of Our Royal Society or of Our Royal Academy of Engineering as Our Secretary of State shall see fit.

(b) Before appointing any member, including the Chairman and the Chief Executive and Deputy Chairman, Our Chancellor shall consult the Chair for the time being of the Council, who may consult other members of the Council as he shall see fit.

(4) Every member, including the Chairman and the Chief Executive and Deputy Chairman, shall hold and vacate his office solely in accordance with the terms of his appointment, and shall, on the expiry of his term of appointment, be eligible for re-appointment but

(a) a member shall not be appointed for a term of more than four years;

(b) a member who is re-appointed on ceasing to be a member shall not again be eligible for re-appointment before the expiration of one year from the end of the period for which he is re-appointed: provided that this sub-paragraph shall not apply to a person appointed to serve as Chair or Chief Executive and Deputy Chairman; and

(c) a member may at any time by notice in writing to Our Chancellor to resign his office.

(5) Except as provided in paragraph (7) of this Article, the Council shall in the case of any such member as Our Chancellor may determine

(a) pay to him such remuneration and allowances as may be so determined in his case; and

(b) pay to or in respect of him such pension, allowance or gratuity on his retirement or death, or make such payments towards provision for such a pension, allowance or gratuity, as may be so determined in his case.

(6) If a person ceases to be a member of the Council otherwise than on the expiration of his term of office, and it appears to Our Chancellor that there are special circumstances which make it right that that person should receive compensation, the Council shall make to that person a payment of such amount as Our Chancellor may determine.

(7) The Council shall not in any circumstances or at any time make to or in respect of any person in his capacity as a member of the Council any payment of any kind whatsoever for or in respect of any period when he is also a member of Our Commons House of Parliament, other than a payment by way of reimbursement to him of actual out of pocket expenses previously and necessarily incurred by him in the performance of his duties as such member of the Council.

(8) The provisions of paragraphs (5) and (6) of this Article shall not apply to a member who is an officer of a Department of Our Government.

The Recruitment Process

The process followed the recommendations of the Code of Practice of the Commissioner for Public Appointments as it applies to upper tier bodies. It was overseen by a panel:

Sara Nathan, OCPA Public Appointments Assessor (PAA) and Chair

Sir John O'Reilly, then Director General Knowledge and Innovation at BIS

Jeremy Clayton Director Research Base at BIS

Jenny Dibden Director Research Base at BIS

Judith Batchelar (independent)

After preparation of information packs, which include details of the role and person specifications and terms and conditions and which were approved by the OCPA public appointments assessor, the post was advertised. Advertising took place on the websites of BBSRC, RCUK and Cabinet Office. Saxton Bampfylde conducted the executive search and the job was also advertised on their website. The closing date was originally 04 July but this was extended to 16 July. Following consideration of the applications the panel held long

listing and short listing meetings on 14 July and 16 September respectively. Ten candidates were selected after longlisting, and after shortlisting five candidates were selected for interview, one of whom withdrew before interview. Interviews were held on 24 October. In accordance with the Royal Charter the current Chair Sir Tom Blundell and the President of the Royal Society Sir Paul Nurse were consulted. Recommendations were then made by the Minister for Universities, Science and Cities who considered their advice and met with the two appointable candidates. Professor Sir Gordon Duff was offered the role. The Minister has consulted the Prime Minister who has indicated that he is content.

Annex B - Job description and person specification

The Council

The Biotechnology and Biological Sciences Research Council (BBSRC) is a public body with a Royal Charter operating as an executive non-departmental public body accountable through the Director General Knowledge and Innovation (DGK&I) to the Secretary of State for Business Innovation and Skills and the Minister of State for Universities and Science.

The BBSRC's primary purposes as set out in its Royal Charter are:

- to promote and support, by any means, high quality research relating to the understanding and exploitation of biological systems;
- to provide trained scientists and engineers and to advance knowledge and technology thereby contributing to UK economic competitiveness and the quality of life;
- to promote public engagement with its research.

For 2013-14 BBSRC's budget is in the region of £500 million per annum of which some £112 million is for capital and it is the direct employer of some 1,580 people (while its direct funding creates employment in HEIs for many more). A recent change to the governance of funded institutes means that BBSRC's direct employee base will fall over time, as new recruits at independent strategic partner research institutes³ are employed by the institutes directly.

Since 2010, BBSRC has benefited from additional capital allocations totalling over £225 million. It provides strategic funding to eight institutes (including two embedded in HEIs, the IBERS (Institute of Biological Environmental and Rural Sciences) at Aberystwyth and the Roslin Institute at Edinburgh. It has also played a key role in the development of campuses at these institutes in order to further the translation of the excellent bioscience research it funds into benefits for society and the economy.

³ 1 John Innes Centre (Norwich), Institute of Food Research (Norwich), The Genome Analysis Centre (Norwich), the Babraham Institute (Cambridge) and Rothamsted Research (Harpenden).

BBSRC also works closely with other Research Councils through Research Councils UK (RCUK) to:

- create a common framework for research, training, knowledge transfer; and
- harmonise, wherever possible, services to the academic and stakeholder communities and other science funders (both UK and international).

As well as its campus strategy, BBSRC is strongly focused on other means of enabling and supporting impact from the outputs and outcomes of the research in which it invests. This is achieved by working with research-intensive and other bioscience-using businesses in the major industrial sectors that are supported by BBSRC-science. These include agriculture and food, biopharmaceuticals, biorenewables and bioenergy and the wider industrial biotechnology sector.

Its work particularly complements the work of the Medical Research Council (MRC) in funding the UK's life sciences and the Natural Environment Research Council (NERC), for example on sustainable agriculture. BBSRC collaborates closely with Government through DEFRA, DFID, the Technology Strategy Board (TSB) and the Higher Education Funding Councils and with industry through a variety of approaches, including collaborative groups with companies designed to promote the translation and take-up of the outcomes of BBSRC-supported research.

A recent survey of key stakeholders shows that BBSRC is a highly regarded organisation which already plays an important part in shaping the research landscape in the UK. The new Chair will join at an important time as BBSRC develops a new strategic plan and prepares for the next spending review.

The role

The post of Chair of BBSRC becomes vacant on 1 July 2015 when the present Chair's term ends.

In this highly influential role, the Chair will work with the Chief Executive who is also the Council's Accounting Officer, and the Council, leading the BBSRC in pursuit of its objectives. The Chair acts as custodian for the Council's mission and Charter objectives and is responsible for overall direction and management of the Council, ensuring that the Council takes an effective role in the governance of BBSRC. The overall responsibility of the Chair is to ensure the effective and efficient performance of BBSRC to deliver its strategy, mission and commitments.

Key responsibilities

- Work with BIS, the Chief Executive and the Council members in the development of the Council's strategic direction and policies to deliver the BBSRC's mission, within the overall framework of government policy;

- Effectively chair Council meetings, typically four times a year, in a way that facilitates the corporate pursuit of Council objectives and gives due consideration to the interests of all stakeholders of Council business;
- Work to improve the links between the BBSRC, the research community it supports, national and international research funding and policy agencies, including learned and professional institutions, and with Government and Parliament;
- Build vital relationships with various partners aimed at realising the potential of BBSRC research.
- Engage senior users such as those in businesses to promote increased engagement with BBSRC and thereby the relevance and economic impact of BBSRC's research;
- Chair the Appointments Panel which recommends to the Secretary of State shortlists for appointments as Members of the Council. Assessing the performance of the Chief Executive and Council Members;
- Chair the Remuneration Committee, which determines Director-level pay policy and contracts, and corporate bonuses, as well as periodic attendance at relevant groups and sub-committees when required; and
- Work with BIS and the other Research Council and TSB Chairs and Chief Executives on cross-Council research and other wider research and innovation policy issues including industrial strategy.

Person specification

We are seeking an outstanding individual to become Chair of the BBSRC. Applications are sought from candidates who are able to command the confidence of the relevant academic and related communities and who can guide the development of BBSRC's economic as well as research and policy impacts. Ideally candidates will have a strong interest in biotechnology and the biological sciences.

Essential skills

The successful candidate will be able to demonstrate the ability to:

- Chair the Board of a substantial organisation and provide strategic direction;
- Exercise judgement across a broad spectrum of policy and high-level management issues;
- Deal with complex and difficult discussions with diplomacy and resolve;
- Engage with a wide range of stakeholders at senior level, including Ministers and senior officials within Government;

- Facilitate and lead discussion of policy and other strategic matters drawing in the skills, knowledge and expertise of all members of Council and engaging with the Executive and other stakeholders to promote effective decision making.
- A good understanding of governance and other governing body management issues such as an understanding of compliance and probity as these relate to a publically-funded organisation.
- First rate communication and interpersonal skills coupled with a strong intellect and negotiation and influencing capability across a range of stakeholders
- A commitment to promote and embed diversity and an inclusive culture appropriate for a public body.

Desirable skills

Some of the following attributes would be desirable:

- Understanding of research-led organisations and the UK research base across Government, research institutions and have credibility with academia and industrial research sectors;
- Experience of working for/with industry;
- Experience of dealing with diverse interest groups;
- Understanding of the biotechnology and the biological sciences research community.

Conflicts of interest

Potential candidates should be aware that the Council must avoid conflicts of interest in its work, and therefore individuals with significant responsibilities in bodies which bid for funding from BBSRC, or which provide funding in significant areas in which BBSRC is active, are not eligible.

Applicants are asked to declare any potential conflicts on the Candidate Summary Form and to note that all members of Council are required to declare any private, professional or commercial interests that might conflict with the interests of the Council, or which might be perceived by others as creating a conflict of interest. These declarations are published on the BBSRC website.

Terms of appointment

- This is a part-time and non-executive appointment, for which an honorarium is paid. The rate at appointment will be £16,430 per annum. Expenses will be reimbursed;
- The appointment is expected to be from 1 July 2015 for four years;

- There is a degree of flexibility in the role, but typically in the order of 24 days a year is expected. The Council formally meets four times a year and there is also an annual away day.

Annex C – CV of the candidate

PROFESSOR SIR GORDON DUFF – CV

Present posts

Principal, St Hilda's College, University of Oxford, from August 2014

Chair, Strategic Partners Board, Imperial College Academic Health Sciences Centre (AHSC)

Chair, Trinity Health Ireland, the AHSC of Trinity College, Dublin

Chair, MRC-NIHR National Phenome Centre, Imperial College London

Education

University of Oxford St Peter's College 1966-70

University of London MRC Student, Dept of Medicine, St Thomas's Med School 1970-72

University of Oxford Clinical Student, (St Thomas's Hospital, London) 1972-75

Univ London, NHS and RAF Post-graduate medical training posts 1975-80

Yale University, USA Post-doctoral research training 1980-84

Previous posts

House Officer in Medicine (General, Cardiac, Haematology) St Thomas's Hospital, London
07/75 -01/76

House Officer in Surgery (A&E, Orthopaedics) Stracathro Hospital, Brechin, Scotland.
02/76 -08/76

SHO in Medicine, (Cardiology, Respiratory Medicine, ITU, CCU) RAF Medical Unit
Midhurst, Sussex 08/76 -08/77

SHO in Clinical Pharmacology, Hammersmith Hospital, London 08/77 -02/78

Registrar in Medicine, St Thomas's Hospital, London 03/78 -02/79

Registrar in Medicine (1:2 rota) Royal Cornwall Hospital, Trerise, Truro 02/79 -10/80

Research Fellow (NIH-funded), Infectious Diseases and Immunology, Yale Medical School,
USA 10/80 -12/83

Associate Investigator, Howard Hughes Institute of Cellular and Molecular Immunology,
Yale 11/81 -02/84

Clinical Lecturer in Rheumatology, University of Edinburgh, Honorary Senior Registrar
02/84 -12/86

Clinical Senior Lecturer, Department of Medicine, University of Edinburgh, Honorary Consultant 12/86 -12/90

Research Dean, Sheffield School of Medicine and Biomedical Sciences 08/98 -08/02

Director of Research, Faculty of Medicine, Univ of Sheffield, (Schools of Medicine & Biomedical Sciences; Dentistry; Nursing & Midwifery; Health and Related Research 08/00 - 08/02

Director, Division of Molecular & Genetic Medicine, University of Sheffield 08/97 -08/00

Director, Division of Genomic Medicine, University of Sheffield 08/00 -09/05

Florey Professor of Molecular Medicine, University of Sheffield (Honorary Consultant STHNHS Trust) 12/90 -12/12

Chair, Medicines and Healthcare products Regulatory Agency (MHRA, UK National Regulator), London 01/13 -12/14

Degrees / Diplomas / Hons

University of Oxford BA - Animal Physiology 1969

University of Oxford MA - Physiology 1975

University of Oxford BM BCh - Medicine & Surgery 1975

Royal College of Physicians MRCP (UK) 1978

University of London PhD – Thermoregulatory Neuropharmacology 1980

Fellow, Royal College of Physicians FRCP (Edinburgh) 1989

Fellow, Royal College of Physicians FRCP (London) 1999

Fellow, Academy of Medical Sciences FMedSci (London) 1999

Fellow, Royal Society of Edinburgh FRSE 2008

University of Edinburgh Honorary MD 2008

Faculty of Pharmaceutical Medicine Honorary Fellow (FFPM) 2008

British Pharmacological Society Honorary Fellow (FBPharmS) 2012

Honours / Named lectures / etc

Open Scholarship in Medicine, St Peter's College, University of Oxford 1966

MRC Training Scholarship, Department of Medicine, St Thomas's Medical School 1970

Sir Hiram Maxim Award for Research in Immunology (jointly with S K Durum, NIH, USA) 1987

Honiman-Gillespie Lecturer, University of Edinburgh 1991

Royal Society of Medicine Visiting Professorship to USA (Yale, NIH, Pfizer Research) 1995

Harry Boström Lecturer and Medal of the Swedish Society of Medicine (Cytokine Medicine) 1996

Medical Faculty Lecturer, University of Geneva 2001

Honorary Fellow, St Peter's College, Oxford 2006

Knighthood (for Services to the Public Health) 2007

Honorary Member, Association of Physicians of Great Britain and Ireland 2007

Henry Fuller Lecturer, St George's University of London 2010

Croonian Lecturer, Royal College of Physicians of London 2010

Bourne Lecturer, St George's University, Grenada 2013

Science Council 100 top 'working scientists' in UK 2014

American Academy of Periodontology, Clinical Research Award 2014

Summary of scientific advisory/leadership activities

UK National Government

Cabinet Office/DH Chairman of MHRA, UK national medicines regulator 2013-2014

UK Clinical Research Consortium Member representing MHRA 2013-2014

Department of Health (Secretary of State) Chairman, UK Commission on Human Medicines (CHM) 2005-2013

Department of Health (Secretary of State) Chairman, National Emergency Medicines Quality Panel 2010-2013

Cross-Government (Secretary of State) Chairman, Scientific Pandemic Influenza Advisory Comm 2008-2013

Cabinet Office Co-chair Scientific Advisory Group Emergencies (SAGE) 2009-2010

Department of Health (Secretary of State) Review of National Organ Donor Register (single author) 2010

Department of Health (Secretary of State) Chairman, Expert Scientific Group Phase 1 Clinical Trials 2006

Department of Health (Secretary of State) Chairman, Committee on Safety of Medicines (CSM) 2003-2005

Department of Health (Secretary of State) Member of Committee on Safety of Medicines (CSM) 1995-2005

Department of Health Chairman, Biological Sub-Committee (CSM) 1998-2003

Department of Health Chairman, vCJD & Blood Products Expert Group (CSM) 1998

Department of Health Chairman, vCJD & Vaccines Expert Group (CSM) 2000

Department of Health Chairman, Tissue Engineering Expert Group (CSM) 2001-2005

Department of Health Co-chairman, CSM / GTAC Gene Therapy Group 2003-2003

Department of Health Member, Biological Sub-Committee (CSM) 1995-1998

Department of Health Member, Safety and Efficacy Sub-committee (CSM) 1992-1995

Department of Health (Secretary of State) Chairman, National Biological Standards Board (NBSB) 2002-2009

Department of Health Member, Advisory Group on Genetics Research 2003-2007

Department of Health Chairman, Commissioning Group for Gene Therapy 2004-2007

Department of Trade & Industry (OST) Chairman, Foresight International Health Group 1998-1999

Department of Trade & Industry (OST) Health and Life Sciences Foresight Panel 1997-1999

Department of Trade & Industry (OST) Foresight Healthcare, Genomic Medicine Group 1999-2000

UK National Non-Government

Imperial Academic Health Science Centre

(Imperial College, Hammersmith, St Mary's,

Charing Cross, Queen Charlotte's and

Chelsea Hospitals, West London Eye hospital) Chairman, Strategic Partners Board 2013-present

MRC-NIHR National Phenome Centre (ICL) Chairman of the Board 2013-present

MRC Centre for Drug Safety Sciences (L'pool) Chairman, International Scientific Advisory Board 2010-present

Manchester Academic Health Sciences Centre Independent Governor 2009-11

Medical Research Council (MRC) Member of Advisory Board 1997-02

E & PS Research Council (EPSRC) Health Metrology Panel 2000

Prix Galien Adjudicating Panel 2004-present

Medical Solutions plc International Scientific Advisory Board 1999-2003

Guide Dogs for the Blind Association Member of Scientific Committee 1996-99

Wellcome Trust Clinical Interest Group 1994-97

Arthritis and Rheumatism Council Member of Research Committee 1993-97

International

Trinity College, Dublin,

Academic Health Sciences Centre Chairman (Trinity Health Ireland) 2010-present

Molecular Medicine Ireland Chairman, International Scientific Advisory Board 2008-2009

Dublin Molecular Medicine Centre International Scientific Advisory Board 2000-2007

International Cytokine Society (USA) President 1997-1998

International Cytokine Society (USA) Chairman of Conference Committee 1995

International Cytokine Society (USA) Council Member 1992-present

Deutsches Rheuma Forschung Zentrum (Berlin) International Scientific Advisory Board 1996-1999

Interleukin Genetics Inc (Boston, USA) Chairman, International Scientific Advisory Board 1997-present

European Medicines Evaluation Agency Expert Advisor List (Biological Medicines) 2001-present

European Cytokine Society (Paris) Council Member 1997-2006

Elsevier, journal, 'CYTOKINE' Editor-in-Chief (Co-founder) 1988-2014

Journal of Human Genome Organisation Editorial Advisor 2006-present

Local

University of Sheffield Member of Council (governing body) 2000-2004

University of Sheffield Director of Research, Faculty of Medicine (4 Schools) 2000-2002

University of Sheffield Carlisle Committee; Strategy for Medicine & Biosciences 1994-1905

University of Sheffield Member of Medical School Council 1997-2008

University of Sheffield Convenor, RAE UoA 3 Group (5 or 5*) 2000-2001

University of Sheffield Chairman, Faculty of Medicine RAE review Group 2000-2001

Technology Transfer and Commercial (all licensed out by University of Sheffield)

32 patents issued

European Patent Office: 13 patents issued 2001-10

US Patent Office: 19 patents issued 1997-10

Patents and PCT applications 6 pending

Patents in biotechnology and genetic diagnostics, licensed out by Sheffield University

Company Directorships and Trusteeships

Director of Fairfield Imaging (Division of Medical Solutions plc) 1999-02

Chairman/Director of Molecular Healthworks Ltd. (Univ of Sheffield start-up) 2000-01

Chairman/Director of Molecular Skincare Ltd. (Univ of Sheffield start-up) 2001-03

Trustee, The Over-volunteering Prevention System (TOPS, to prevent over-exposure to clinical trials) 2007-12

Patron, St Luke's Hospice, Sheffield 2011-

Postgraduate research students

External examiner/assessor for national and international PhD/DPhil/MD/DSc degrees 29

PhD students supervised 19

Research income

Total personal and institutional funding where main or lead applicant/author since 1986
~£43.4million

Invited lectures and oral presentations

National and International since 1982 ~300

Government Reports

Risk Assessment of Transmissible Spongiform Encephalopathy in Vaccines used in the United Kingdom. Department of Health 1998

Risk Assessment of Transmissible Spongiform Encephalopathy in Medicines used in the United Kingdom. Department of Health 1999

Report to Secretary of State of the Expert Scientific Group on Phase One Clinical Trials. Department of Health 2006

Review of the Organ Donor Register; Final Report to Secretary of State Department of Health 2010

Research Publications

Current list and Citation indices

<http://scholar.google.co.uk/citations?user=s8R73YMMAAAJ&hl=en>

Formal Minutes

Monday 2 March 2015

Members present:

Andrew Miller, in the Chair

Dan Byles
David Heath

Jim Dowd
Stephen Metcalfe

Draft Report (*Pre-appointment hearing with the Government's preferred candidate for Chair of the Biotechnology and Biological Sciences Research Council (BBSRC)*), proposed by the Chair, brought up and read.

Ordered, That the draft Report be read a second time, paragraph by paragraph.

Paragraphs 1 to 11 read and agreed to.

Annexes agreed to.

Resolved, That the Report be the Eighth Report of the Committee to the House.

Ordered, That the Chair make the Report to the House.

Ordered, That embargoed copies of the Report be made available, in accordance with the provisions of Standing Order No. 134.

[Adjourned till Wednesday 11 March at 10.00 am]

Witness

The following witness gave evidence. Transcripts can be viewed on the Committee's inquiry page at www.parliament.uk/science.

Monday 2 March 2015

Professor Sir Gordon Duff, Government's preferred candidate for the Chair of the Biotechnology and Biological Sciences Research Council (BBSRC)

List of Reports from the Committee during the current Parliament

All publications from the Committee are available on the Committee's website at www.parliament.uk/science.

The reference number of the Government's response to each Report is printed in brackets after the HC printing number.

Session 2014–15

First Special Report	Communicating climate science: Government Response to the Committee's Eighth Report of Session 2013–14	HC 376
First Report	Ensuring access to working antimicrobials	HC 509 (Cm 8919)
Second Special Report	Government horizon scanning: Government Response to the Committee's Ninth Report of Session 2013–14	HC 592
Second Report	After the storm? UK blood safety and the risk of variant Creutzfeldt-Jakob Disease	HC 327 (Cm 8940)
Third Special Report	Ensuring access to working antimicrobials: Research Councils UK Response to the Committee's First Report of Session 2014–15	HC 643
Third Report	National Health Screening	HC 244 (Cm 8999)
Fourth Report	Responsible Use of Data	HC 245
Fifth Report	Advanced genetic techniques for crop improvement: regulation, risk and precaution	HC 328

Session 2013–14

First Special Report	Educating tomorrow's engineers: the impact of Government reforms on 14–19 education: Government Response to the Committee's Seventh Report of Session 2012–13	HC 102
First Report	Water quality: priority substances	HC 272–I (HC 648)
Second Special Report	Marine science: Government Response to the Committee's Ninth Report of Session 2012–13	HC 443
Third Special Report	Bridging the valley of death: improving the commercialisation of research: Government response to the Committee's Eighth Report of Session 2012–13	HC 559
Second Report	Forensic science	HC 610 (Cm 8750)
Fourth Special Report	Water quality: priority substances: Government response to the Committee's First Report of Session 2013–14	HC 648
Third Report	Clinical trials	HC 104 (Cm 8743)
Fifth Special Report	Clinical trials: Health Research Authority Response to the Committee's Third Report of Session 2013–14	HC 753
Fourth Report	Work of the European and UK Space Agencies	HC 253 (HC 1112)

Fifth Report	Pre-appointment hearing with the Government's preferred candidate for Chair of the Natural Environment Research Council (NERC)	HC 702
Sixth Special Report	Forensic science: Research Councils UK Response to the Committee's Second Report of Session 2013–14	HC 843
Seventh Special Report	Clinical trials: Medical Research Council Response to the Committee's Third Report of Session 2013–14	HC 874
Sixth Report	Women in scientific careers	HC 701 (HC 1268)
Seventh Report	Pre-appointment hearing with the Government's preferred candidate for Chair of the Arts and Humanities Research Council (AHRC)	HC 989
Eighth Special Report	Work of the European and UK Space Agencies: Government Response to the Committee's Fourth Report of Session 2013–14	HC 1112
Eighth Report	Communicating climate science	HC 254 (HC 376, Session 2014–15)
Ninth Report	Government horizon scanning	HC 703 (HC 592, Session 2014–15)
Ninth Special Report	Women in scientific careers: Government Response to the Committee's Sixth Report of Session 2013–14	HC 1268
Session 2012–13		
First Special Report	Science in the Met Office: Government Response to the Committee's Thirteenth Report of Session 2010–12	HC 162
First Report	Devil's bargain? Energy risks and the public	HC 428 (HC 677)
Second Report	Pre-appointment hearing with the Government's preferred candidate for Chair of the Medical Research Council	HC 510–I
Second Special Report	Engineering in government: follow-up to the 2009 report on Engineering: turning ideas into reality: Government Response to the Committee's Fifteenth Report of Session 2010–12	HC 511
Third Report	The Census and social science	HC 322 (HC 1053)
Fourth Report	Building scientific capacity for development	HC 377 (HC 907)
Fifth Report	Regulation of medical implants in the EU and UK	HC 163 (Cm 8496)
Sixth Report	Proposed merger of British Antarctic Survey and National Oceanography Centre	HC 699 (HC 906)
Third Special Report	Devil's bargain? Energy risks and the public: Government Response to the Committee's First Report of Session 2012–13	HC 677
Fourth Special Report	Building scientific capacity for development: Government and UK Collaborative on Development Sciences Response to the Committee's Fourth Report of Session 2012–13	HC 907
Fifth Special Report	Proposed merger of British Antarctic Survey and National Oceanography Centre: Natural Environment Research Council Response to the Committee's Sixth Report of Session 2012–13	HC 906

Seventh Report	Educating tomorrow's engineers: the impact of Government reforms on 14–19 education	HC 665 (HC 102, Session 2013–14)
Eighth Report	Bridging the valley of death: improving the commercialisation of research	HC 348 (HC 559, Session 2013–14)
Sixth Special Report	The Census and social science: Government and Economic and Social Research Council (ESRC) Responses to the Committee's Third Report of Session 2012–13	HC 1053
Ninth Report	Marine science	HC 727
Session 2010–12		
First Special Report	The Legacy Report: Government Response to the Committee's Ninth Report of Session 2009–10	HC 370
First Report	The Reviews into the University of East Anglia's Climatic Research Unit's E-mails	HC 444 (HC 496)
Second Report	Technology and Innovation Centres	HC 618 (HC 1041)
Third Report	Scientific advice and evidence in emergencies	HC 498 (HC 1042 and HC 1139)
Second Special Report	The Reviews into the University of East Anglia's Climatic Research Unit's E-mails: Government Response to the Committee's First Report of Session 2010–12	HC 496
Fourth Report	Astronomy and Particle Physics	HC 806 (HC 1425)
Fifth Report	Strategically important metals	HC 726 (HC 1479)
Third Special Report	Technology and Innovation Centres: Government Response to the Committee's Second Report of Session 2010–12	HC 1041
Fourth Special Report	Scientific advice and evidence in emergencies: Government Response to the Committee's Third Report of Session 2010–12	HC 1042
Sixth Report	UK Centre for Medical Research and Innovation (UKCMRI)	HC 727 (HC 1475)
Fifth Special Report	Bioengineering: Government Response to the Committee's Seventh Report of 2009–10	HC 1138
Sixth Special Report	Scientific advice and evidence in emergencies: Supplementary Government Response to the Committee's Third Report of Session 2010–12	HC 1139
Seventh Report	The Forensic Science Service	HC 855 (Cm 8215)
Seventh Special Report	Astronomy and Particle Physics: Government and Science and Technology Facilities Council Response to the Committee's Fourth Report of Session 2010–12	HC 1425
Eighth Report	Peer review in scientific publications	HC 856 (HC 1535)
Eighth Special Report	UK Centre for Medical Research and Innovation (UKCMRI): Government Response to the Committee's Sixth Report of session 2010–12	HC 1475
Ninth Report	Practical experiments in school science lessons and science field trips	HC 1060–I (HC 1655)
Ninth Special Report	Strategically important metals: Government Response to the Committee's Fifth Report of Session 2010–12	HC 1479

Tenth Special Report	Peer review in scientific publications: Government and Research Councils UK Responses to the Committee's Eighth Report of Session 2010–12	HC 1535
Tenth Report	Pre-appointment hearing with the Government's preferred candidate for Chair of the Technology Strategy Board	HC 1539-I
Eleventh Special Report	Practical experiments in school science lessons and science field trips: Government and Ofqual Responses to the Committee's Ninth Report of Session 2010–12	HC 1655
Eleventh Report	Alcohol guidelines	HC 1536 (Cm 8329)
Twelfth Report	Malware and cyber crime	HC 1537 (Cm 8328)
Thirteenth Report	Science in the Met Office	HC 1538
Fourteenth Report	Pre-appointment hearing with the Government's preferred candidate for Chair of the Engineering and Physical Sciences Research Council	HC 1871-I
Fifteenth Report	Engineering in government: follow-up to the 2009 report on Engineering: turning ideas into reality	HC 1667 (HC 511, Session 2012–13)

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